


# ksc bulletin



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National Aeronautics and  
Space Administration

John F. Kennedy Space Center  
Kennedy Space Center, Florida 32899

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URL: <http://www-lib.ksc.nasa.gov/lib/bulletin/bulletin.htm> (KSC only)  
Deadline for Official/Unofficial notices - Monday, 9 a.m.

## OFFICIAL

**OCTOBER HEALTH EDUCATION AND WELLNESS PROGRAM—STRESS MANAGEMENT AND SELF-CARE TECHNIQUES:** Stress is a permanent part of our lives. You cannot totally eliminate it, however, you can learn to control it by adjusting, adapting and reinterpreting events in your everyday life. Information included in the packet: the body's reaction to stress, evaluation of your reaction to stress, the effects of positive and negative thinking, stress reduction techniques and behavior change. Packets will be available at all medical facilities or upon request to Carol Roth, 867-3414, CHS-005, email **Roth-1, Carol**. (TA-C2)

**OCTOBER'S VISION SCREENING:** Vision Acuity and Glaucoma Testing  
Tuesday October 24 11 a.m. – 1 p.m. OHF (Occupational Health Facility) (TA-C2)

**COLORECTAL CANCER SCREENING:** Small amounts of blood in your stool, which can be detected with hemoccult slides, can be an indication of colorectal cancer. Hemoccult slides and instructions are available at all medical facilities during hours of operation. (TA-C2)

**SCREENING MAMMOGRAMS** for breast cancer are available at KSC, southwest corner of the parking lot behind HQ building. Call 1-800-367-1870 for an appointment. (TA-C2)

**HEALTH EDUCATION AND WELLNESS TRAINING TAPES ON KSC's CHANNEL 60:** NASA's Training and Information Channel. Presented every Friday at 11 a.m. (TA-C2)

**WORK SITE LECTURES** on any health subject, requests for health information or counseling is available upon request to Carol Roth, 867-3414, CHS-005, email **Roth-1, Carol**. (TA-C2)

**KSC FITNESS CENTERS—INTERCENTER WALK/RUN:** November 14, at 5 p.m. KSC Fitness Centers will be sponsoring the Intercenter Walk/Run on Tuesday, November 14, at the Shuttle Landing Facility. The 2-Mile Walk/Run, 5K and 10K Run are FREE for all KSC employees. Stop by either Fitness Center by November 3 to pre-register—late registration takes place at the race. T-shirts may be ordered at any NASA Exchange store. If you'd like to volunteer, please call 867-7829. (TA-C2)

**GRIEF SUPPORT GROUP:** SGS/CHS offers a Grief Support Group for KSC/CCAFS personnel who wish to participate. The Grief Support Group meets every Wednesday at 11 a.m. for approximately 45 minutes in Building M6-495, in the KSC Industrial Area, Occupational Health Facility (OHF) Library, **Marion.Ruffing~1@kmail.ksc.nasa.gov** or call her at 867-7398 for more information. (TA-C2)

**CANCER SUPPORT GROUP:** SGS/CHS offers a Cancer Support Group for KSC/CCAFS personnel who wish to participate. We will convene every Thursday at 11 a.m. for approximately 45 minutes, in Building M6-495, KSC Industrial Area, Occupational Health Facility (OHF) Library, Room 404. Bring your lunch and join us for this informative support group. Please email Betty Wendell at **betty.wendell-1@ksc.nasa.gov** or call her at 867-2518 for more information. (TA-C2)

**SMOKING CESSATION BEHAVIORAL SUPPORT GROUPS:** SGS/CHS Medical offers smoking cessation behavioral support groups for KSC/CCAFS personnel who wish to quit smoking. The groups are led by a physician, the employee assistance counselor, and other health education professionals. The physician prescribes Zyban (oral medication-bupropion) which has been shown to be a very effective adjunct to the nicotine patch for those willing to quit. Groups convene every Tuesday from 7:30 a.m. – 8:30 a.m., 11:00 a.m. – 12:00 noon; and, 2:30 p.m. – 3:30 p.m. to enable times for all shifts. The groups meet at the Occupational Health Facility, M6-495, in the KSC Industrial Area. Call Nancy at 867-2025 for sign-up. (TA-C2)

**OCCUPATIONAL HEALTH PROGRAM:** NASA's Occupational Health Program is participating in a cutting-edge research project to assist in smoking cessation and to aid in staying smoke free. The program can be accessed from your desktop. Civil servants and contractors are eligible to participate. To access the program a link has been added to the NASA Occupational Health Program website at <http://ohp.ksc.nasa.gov/>. For additional information on the program contact the QuitCigs Project, ORCAS, 800-934-0626, [quitcigs@orcasin.com](mailto:quitcigs@orcasin.com). If you have problems accessing the program, contact Steve Pierce, 867-4047, **Pierce-1, Steve**. (BIO-5)

**KSC FITNESS CENTERS—FIT OVER 50:** Tuesdays at O&C, 5 p.m. – 5:30 p.m. This class is designed for individuals around the age of 50 and over who want to see improvements in their energy level, stress level, balance and coordination, flexibility, strength, endurance, self esteem, self confidence, assertiveness, eating habits, sleep, and overall quality of life. If you want to feel better, join Kay Murray in our **Fit over 50** group exercise class on Tuesdays at 5 p.m. Contact Kay, Tuesday, Wednesday, or Thursday, at 867-7829, or 861-3028 for more details. (TA-C2)

**NUTRITION TIP OF THE WEEK—FROM THE KSC FITNESS CENTERS:** Sushi has become a popular dish in the United States. Many people, though, still wonder what sushi is and whether it's good for them. Sushi is a type of Japanese food that uses rice flavored with vinegar, sugar, and salt. Sushi is usually served with sashimi (raw fish), tofu, or chicken and vegetables. Some people flavor their sushi with wasabi, a sort of Japanese horseradish, ginger, or soy sauce. Sushi is low in fat and is nutritious. The fish often served with sushi is full of protein and is a good source of omega-3 fatty acids. Tofu provides calcium. Even the rice itself provides complex carbohydrates. Be sure to visit a reputable establishment to assure the safety of your sashimi. (TA-C2)

**FLAGS AT HALF STAFF:** The flags of the United States flew at half staff at the Kennedy Space Center from October 13 through sunset on October 16, in compliance with Presidential Proclamation 3044, "As a mark of respect for those who died on the United States Ship Cole." (TA-E2)

**EMPLOYEE ASSISTANCE PROGRAM:** All employees are reminded that the Employee Assistance Program offers free, confidential counseling to all Kennedy Space Center and Cape Canaveral Air Station employees. Appointments are necessary to ensure adequate time. This program is available Monday through Friday, 7:30 a.m. to 4:00 p.m. Appointments may be made by calling 867-7398. (TA-C2)

**MERRITT ISLAND NATIONAL WILDLIFE REFUGE:** Refuge Week Open House, Saturday, November 4, 9 a.m. – 4 p.m.; lagoon boat tours, kayak tours, Manatee Awareness Day activities, live lagoon life exhibits, native plant sale, butterfly and wildlife gardening program, bird watching workshop, fire fighting demonstration and exhibit, child's junior refuge manager activities, and much more. For more information call 861-0667. (FWS)

**MERRITT ISLAND NATIONAL WILDLIFE REFUGE:** Space Coast Birding and Wildlife Festival, November 9-12; seminars, workshops and field trips featuring natural areas and wildlife of Brevard County, including The Refuge, Canaveral National Seashore, Kennedy Space Center, Indian River Lagoon, St. John's River and much, much more! Also featuring the groundbreaking of the Great Florida Birding Trail. For more information, call 861-0667. (FWS)

**KSC/CCAFS COMMUNITY APPRECIATION DAY:** On November 4, 2000, KSC and CCAFS will open their doors from 9 a.m. to 3 p.m. to a select number of car pass holders from the surrounding community for the **2000 KSC/CCAFS Community Appreciation Day**. An **Open House Information Line** has been created to keep you informed with details about directions, car pass pick-up locations and facilities that will be open for you to visit. The information line is 867-5522. Employees will also need to pick up a car pass at either a KSC Exchange store or any Brevard County library location. Car passes will be given out on a first-come, first-serve basis and will be available mid-October. For other information and library locations, please visit the Open House web site at <http://kscinfo.ksc.nasa.gov/openhouse/default.html>. (XA-F)

**EXPO 2000:** Mark your calendars for the **Business Opportunities Expo** being held on **Tuesday, October 24, 2000**, from 9:00 a.m. until 3:00 p.m. at Cruise Terminal No. 10, Port Canaveral, Florida. This trade fair is intended to acquaint the buyers, engineers, and technical representatives with businesses which may be able to provide alternate sources of supplies/services. Mr. Bridges encourages both Government and contractor personnel to visit the Expo. Over **200 exhibitors** will be present. **Many exhibitors offer free promotional give-a-ways.** There is no entrance fee. For additional information, contact the Industry Assistance Office, 867-7353. Bus service will be available to the Expo from four locations beginning at 8:30 a.m. and will run continuously until 3:00 p.m. One bus will begin at the HQ Building, making a stop at the SSPF and the E&L Building located on Cape Canaveral Air Station before proceeding to the Port. The second bus will leave the OSB on the east side and proceed directly to the Port. **This year, due to limited parking at the cruise terminal, you are encouraged to utilize the courtesy bus service.**

**Bus No. 1: HQ, SSPF, E&L**

**Bus No. 2: OSB—East Side**

**To Cruise Terminal**

8:30 a.m.  
9:30 a.m.  
10:30 a.m.  
11:30 a.m.  
12:30 p.m.  
1:30 p.m.  
2:30 p.m.

**From Cruise Terminal**

9:00 a.m.  
10:00 a.m.  
11:00 a.m.  
12:00 noon  
1:00 p.m.  
2:00 p.m.  
3:00 p.m. (OP-CIAO)



**SOFTWARE RELEASE AWARDS:** Software Release Awards are intended to award the innovator(s) of new software and to encourage its further development through technology transfer. The Inventions and Contributions Board at NASA HQ has issued the following guidelines for Software Release Awards, effective immediately. All Software Release Awards should include only the personnel that have made a major scientific or technical contribution relative to the final implemented design and engineering development. The individuals who should be on the award list are the innovators who have had a major role in developing the design details, algorithms, processes, flow charts, formulation, and innovative manual coding. The software must have been released through the Center software release authority. Software Release Awards are managed in the Technology Program & Commercialization Office. Please contact Pam Bookman, KSC Awards Liaison Officer, at 867-6381 for more details. (YA-C1)

**KSC LIBRARY:** The following new specifications and standards are available for use in the KSC Library Documents, Specifications and Standards Department, HQ, Room 1124, and are not available for loan.

ACGIH-TLV: 2000 TLVs and BEIs: Based on the Documentation of the Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices  
ISO-8087-85: Mobile Cranes: Drum and Sheave Sizes  
ISO-8686-1-89: Cranes: Design Principles for Loads and Load Combinations. Part: General  
ISO-9927-1094: Cranes: Inspections. Part 1: General  
ISO-10092-90: High Breaking Load Steel Wire Ropes: Specifications  
ISO-10972-1-98: Requirements for Mechanisms. Part 1: General  
ISO-11994-97: Cranes: Availability – Vocabulary  
ISO-12478-1-97: Cranes: Maintenance Manual. Part 1: General  
ISO-12482-1-95: Cranes: Conditions Monitoring. Part 1: General

To search the Library's on-line catalog go to: <http://nasagalaxie.larc.nasa.gov/>. For questions call 867-3613 or mailto:

**KSCLibrary@kscgws00.ksc.nasa.gov.** (TA-E1)

**KSC LIBRARY:** The following new documents are available for loan from the KSC Library Documents, Specifications and Standards Department, HQ, Room 1124, or by calling 867-3613.

CPIA-PUB-691: 36<sup>th</sup> JANNAF Combustion Subcommittee Meeting  
NASA-CR-210236: Demonstration of the Application of Composite Load Spectra (CLS) and Probabilistic Structural Analysis (PSAM) Codes to SSME Heat Exchanger Turnaround Vane  
NASA-CR-210367: Long Life Nickel Electrodes for Nickel-Hydrogen Cells: Fiber Substrates Nickel Electrodes  
NASA-SP-4408: Challenge to Apollo: The Soviet Union and the Space Race, 1945-1974  
NASA-TM-209088-PART-3: Friction and Wear Properties of Selected Solid Lubricating Films. Part 3: Magnetron-Sputtered and Plasma-Assisted, Chemical-Vapor-Deposited Diamondlike Carbon Films  
NASA-TM-210210: Space Solar Power Satellite Technology Development at the Glenn Research Center  
NASA-TM-210240: Analysis of the Laser Propelled Lightcraft Vehicle  
NASA-TM-210242: Simulation of a Flywheel Electrical System for Aerospace Applications  
NASA-TM-210338: Rudder/Fin Seal Investigations for the X-38 Re-Entry Vehicle  
NASA-TM-210341: Simulation of the Interaction between Flywheel Energy Storage and Battery Energy Storage on the International Space Station

To search the Library's on-line catalog go to: <http://nasagalaxie.larc.nasa.gov/>. For questions call 867-3613 or mailto:

**KSCLibrary@ksc.gws00.ksc.nasa.gov.** (TA-E1)

**KSC LIBRARY:** You may obtain copies of the following specifications in HQ, Room 1124, by sending a request to mail code Library-D, calling 867-3613, or emailing **KSCLibrary@kscgws00.ksc.nasa.gov.**

JSC-NSTS-08060, Change 90, 9/19/00 "Space shuttle system pyrotechnic specification"  
KSC-SW-E-0002 Change 72, 8/8/00 "Space Shuttle Ground Support Equipment, General Design Requirements"

These specifications can also be found at: <http://sspweb.jsc.nasa.gov/ntdata/ssp/webdata/pdcweb/subdocs.htm>. (TA-E1)

**INSPECTOR GENERAL:** The Office of Criminal Investigations (OCI) is the investigative arm of the NASA Inspector General (IG). The OCI is an independent entity and reports directly to Roberta Gross, the NASA IG, in Washington D.C. The primary mission of this component is to conduct criminal and civil investigations of reported or suspected fraudulent acts by employees, contractors, and others relating to the administration of NASA contracts and programs. Although emphasis is placed on major procurement fraud, (particularly allegations of defective/substandard parts, mischarging, kickbacks, bid rigging, and research fraud), investigations are also conducted of theft, conflict of interest, environmental and hazardous waste violations, health care fraud, and computer related crimes. OCI also provides fraud briefings for Government and contractor employees that are designed to highlight potential risks concerning fraud and related matters. Suspected violations can be reported by calling 867-4714 locally, the toll free Hotline at 1-800-424-9183, or by writing NASA Inspector General, P. O. Box 23089, L'Enfant Plaza Station, Washington, D.C. 20024. The OIG Cyber-Hotline can be accessed at [www.hq.nasa.gov/office/oig/hq](http://www.hq.nasa.gov/office/oig/hq). (OIG)

**COMPETITIVE PLACEMENT PLAN—JOB OPPORTUNITIES:**

| Annct. No.   | Position & Grade                             | Area of Consideration                 | Open/Close Date   | Location |
|--------------|--|---------------------------------------|-------------------|----------|
| *CPP 138-00P | AST-Ground Data Systems, GS-854-13           | NASA/KSC Civil Service Employees Only | 10-13-00/10-20-00 | YA-E1    |
| *CPP 140-00P | Computer Programmer Analyst, GS-334-12       | "                                     | 10-13-00/10-20-00 | YA-E1    |
| *CPP 141-00P | Computer Programmer Analyst, GS-334-12       | "                                     | 10-13-00/10-20-00 | YA-E1    |
| KSC-01-05    | General Attorney (Contracts), GS-905-14/15   | All Candidates                        | 10-10-00/10-30-00 | CC       |
| KSC-01-06    | Quality Assurance Spec. (Aero.), GS-1910-9   | "                                     | 10-16-00/10-20-00 | PH       |
| KSC-01-09    | AST, Reliability & Qual. Assurance, GS-861-7 | "                                     | 10-23-00/10-27-00 | UB       |
| KSC-01-10    | AST, Ground Data Systems, GS-854-13          | "                                     | 10-23-00/10-27-00 | YA       |
| KSC-01-11    | AST, Aero. Flight Systems, GS-861-13         | "                                     | 10-23-00/10-27-00 | VA       |

Applicants must submit an application (OF 612, Optional Application for Federal Employment or KSC Form 13-283, Competitive Placement Plan Application) for this position. Applications should be submitted to Workforce & Diversity Management Office, Employee Services (BA-B), HQ, Room 2507.

\*This position is open to NASA/KSC Civil Service Employee. (BA-B)

**AUTHENTICATED:**

*Marilee Tewksbury*

Marilee Tewksbury, Center Services (TA-E1)

**PREVENT HARM—CHECK YOUR FIRE ALARM.**

**U N O F F I C I A L**

**CAFETERIA MENU FOR WEEK OF OCTOBER 23 THROUGH OCTOBER 27**

|  |   |  |  |   |
|--|---|--|--|---|
| <b>*MONDAY</b><br>Spinach Orzo Vegetarian Soup<br>Roast Eye Round of Beef w/Red Wine Gravy<br>**Asian Chicken w/Rice | <b>*TUESDAY</b><br>Italian Minestrone Soup<br>Chopped Steak<br>Chicken Pot Pie<br>**Mediterranean Mix | <b>*WEDNESDAY</b><br>Home Style Chicken<br>Noodle Soup<br>Veal Parmesan w/Pasta<br>Country Beef Stew w/Rice<br>**Oriental Marinated Vegetables | <b>*THURSDAY</b><br>Split Pea & Country Ham Soup<br>Roast Pork w/Dressing & Natural Gravy<br>**Turkey Tetrazzini | <b>*FRIDAY</b><br>Manhattan Clam Chowder<br>Bratwurst w/Sauerkraut<br>**Lemon Sole w/Almonds & Potatoes |
|--|---|--|--|---|

\*Assorted vegetables, salads, desserts, and beverages available daily. **\*\*Lighter By Choice** is our Nutritionally Balanced Selection. **Lighter By Choice** Grilled Chicken and Vegetable Burgers are available daily. Soup available daily—bowl, \$1.20/cup \$0.65. Each day a **"Price Value Meal"** or **"Grill Price Value"** is available and will be posted in each cafeteria. **\*\*\*La Pomadora:** A variety of Pizza, Stromboli, Calzone or Pasta is available daily.



**NASA EXCHANGE:** The Exchange is sponsoring a jewelry fair in the month of October. ***Jewelry is Fun*** provides quality jewelry at extraordinary savings on 14 karat gold, sterling silver, and costume jewelry. It all starts Tuesday and Wednesday (October 24 and 25) in the O&C building, Room 1055. It moves to the Headquarters Cafeteria on Thursday and Friday (October 26 and 27). SSPF cafeteria gets the fair on October 31 and November 1 (Tuesday and Wednesday) and finally the MFF cafeteria on November 2 and 3 (Thursday and Friday). This will be a great time to purchase that special gift for the holidays. Hope to see you there!

**KSC EXCHANGE SERVICE STATION:** Lube, oil and filter—just \$19.95. This includes up to 5 quarts of oil, check fluids, tire and tire pressure, belts, hoses, alternator and battery, and a visual safety check. Call us at 453-1254 for an appointment or more information.

**KSC EXCHANGE—CITGO GAS STATION:** Pay at the pump is open 24 hours, 7 days a week, for gas and diesel. CITGO and all major credit cards accepted. For information, call 453-1254.

**KENNEDY SPACE CENTER FEDERAL CREDIT UNION REPOS:** Repos located at the Merritt Island office. 1999 Dodge Caravan Grand, \$17,900; 1995 Pontiac Trans Am, \$9,995; 1997 Nissan Sentra GXE, \$7,500; 1995 Dodge Caravan, V6, \$4,995; 1998 Ford Escort, 5-speed, \$8,995; 2000 Buick Park Avenue, \$27,995; 1995 Ford Explorer 4wd, \$10,595, 1996 Saturn SL2, 5-speed, \$5,995. Call 455-9400, ext. 1120. 1999 Chevy Camaro, \$17,825; 1996 Ford Contour GL, \$4,500; 1997 Dodge Neon, \$7,200; 1996 Lexus ES300, \$18,025, call 904/761-9752.

**KENNEDY SPACE CENTER FEDERAL CREDIT UNION:** Please join KSCFCU for a FREE informative seminar on Long Term Preferred Care on Thursday, October 26 at 5 p.m. at the Titusville Holiday Inn. For directions and reservations call 456-5301 by October 23.

**SOCIETY OF WOMEN ENGINEERS (SWE):** The Space Coast Section of SWE will hold its October dinner meeting on October 26 at the Villa Roma Restaurant, 1253 Florida Avenue, Rockledge. The guest speaker is Lisa Tietig, Vice President of the Brevard Chapter of the American Civil Liberties Union (ACLU). She will be speaking on “Women’s Rights in the Workplace.” Social 5:30 p.m., dinner 6:00 p.m., speaker 7:00 p.m. Cost \$18 members and guests; \$7 student SWE members. RSVP to Suzanne Calhoun at 726-4423, or email [suzanne.calhoun@nokia.com](mailto:suzanne.calhoun@nokia.com).

**DREDGING OPERATIONS:** Notice for all boat operators in the southern KSC area of the Banana River, including vessels using the KARS I boat ramp. USA will be performing hydraulic dredge operations in the channel widener that intersects with Saturn Barge Canal starting October 1 and completing mid-November 2000. There will be two dredges, multiple work boats, booster equipment and submerged and floating pipeline. All pipeline and equipment will be marked in accordance with Coast Guard regulations. For any information contact T. Smith, USA Project Manager, 861-6262. The Army corps of Engineers will be dredging the Saturn Barge Canal from the Cape Canaveral Locks working west to the Indian River starting in November until February 2001. For any information contact B. Brodehl, Corps Project Manager, 904-232-3600.

**WEIGHT WATCHER’S AT WORK:** Lose those extra pounds. Join the **1 2 3 Success Program—10% Difference Program** today. Meetings are held on Thursdays in the Headquarters Building, Room 2414 at 11:30 a.m.

**EMBRY RIDDLE:** Dr. Wayne Harsha, the program chair for the Master of Science in Technical Management (MSTM) program will be speaking on Wednesday, November 1, at the Cape Canaveral Radisson at 2 p.m., 4 p.m., and 6 p.m. He will be available between, and after the sessions, for individual questions. Applications are being accepted for the next cluster. Call 321-783-5020 or email us at [space\\_coast\\_center@cts.db.erau.edu](mailto:space_coast_center@cts.db.erau.edu) for more information.

**FLORIDA INSTITUTE OF TECHNOLOGY:** Florida Tech offers a variety of master’s degree programs at our Spaceport site, e.g. Master of Science in: Space Systems, Management, Computer Information Systems, Engineering Management, Acquisition and Contract Management. Evening classes are offered at Kennedy Space Center and Patrick Air Force Base. Distance Learning courses are also available. Applications are being accepted for the spring semester, which begins on January 8. For a catalog and/or information, please call 453-2030 or 784-2045.

PERSONAL



KSC Recycles

**CARPOOLS**

Vanpool seats: Daytona/Port Orange/New Smyrna to OPF/VAB/LCC Areas, 6:30/7:00-3:30, Steve, 861-1485/904-238-3629.  
Vanpool seats: S. Daytona to KSC Industrial/CCAS Industrial/CX17 Areas, via U.S. 1 & S.R. 3, 7:00-3:30, Armitage, 867-0848/904-788-2629.  
Vanpool seats: IHB/Satellite Beach/PAFB/CB/CC to CCAS/KSC Industrial Area, 7:30-4:30, Anderson, 867-6135/777-5632.  
Vanpool seats: Satellite Beach/CB/CC to CRCA/LOG/OSB/VAB/LCC Areas, 7:00-3:30, Wendy, 861-6001/773-5822.  
Vanpool seats: Melbourne Beach/Indialantic/IHB/CB/Cape Canaveral to CCAS/KSC Industrial Area/VAB, 7:15-3:45, Goodrich, 867-6956/725-7383.  
Vanpool seats: Melbourne to LC-39 Area, 7:00-3:30, seats available, Cam, 861-7875/259-1955.  
Vanpool seats: Melbourne to LC-39 Area, seats available, 11 passenger van, Galbraith, 861-4780/259-3138.  
Vanpool seats: Melbourne/Eau Gallie to KSC Industrial Area, 7:30-4:00, Don, 867-4634.  
Vanpool seats: Melbourne/Eau Gallie/Viera to OSB/LOG/VAB/OPF/LCC/Pad A & B, Galbraith, 861-0762/259-3138.  
Vanpool seats: Palm Bay/Eau Gallie/Viera to USBI/OSB/LCC/VAB Areas, 7:00-3:30, Adam, 861-6818/321-259-4138.  
Vanpool seats: Palm Bay/Melbourne/Eau Gallie to KSC Industrial Area, 7:00 – 3:45, Ivory, 867-7987/984-4316.  
Vanpool seats: Palm Bay/Melbourne to KSC Industrial Area, 7:30-4:00, Ed, 867-4500/676-2533.  
Vanpool seats: Palm Bay/Melbourne (Eau Gallie Blvd.)/Suntree (Baymont Inn) to KSC Industrial Area, 8:00-4:30, Ed, 867-0829/984-3861.  
Vanpool seats: Palm Bay/Suntree to LC-39/OPF/Logistics/OSB/PCC, 7:00-3:30, Mark, 861-0991/725-6677.  
Vanpool seats: Palm Bay/Eau Gallie/Suntree to USBI/OSB/LCC/VAB/OPF Areas, 7:00-3:45, Dan, 861-2488/952-8840.  
Vanpool seats: Palm Bay/I-95-Malabar Road/Melbourne to CCAS Industrial Area, Rick, 853-9807/722-3649.  
Vanpool seats: Daytona/New Smyrna to OPF/VAB/LCC/Pads/ARF, 7:00-3:30, Tom, 867-7042/904-409-3923.  
Vanpool seats: E. Orlando/Hwy. 50 Tiffanys/Wal-Mart/Bithlo to LC-39 Areas/Heavy Equip./OSB/Complexes/PCC, 7:00-3:30, Gene, 861-0731/677-7394.  
Vanpool seats: E. Orlando/Sam’s/Wal-Mart/Bithlo to LC-39 Areas/OSB/Complexes/PCC/OPF Areas, 7:00-3:30, Buddy, 867-3794/657-4941.  
Vanpool seats: Orlando/University/Goldenrod/KMart/East Hwy. 50 to KSC Industrial Area, 8:00-4:30, Goff, 867-3020/407-644-0384.  
Vanpool seats: Orlando/Conway Area via Hwy. 50 to KSC North Areas, 7:00-3:30, Schaefer, 861-5640/273-3048.  
Vanpool seats: Orlando/Conway/Union Park/Bithlo to VAB, USBI, OSB & Wiltech Areas, 7:00-3:45, Fishell, 861-2470/407-859-4009.  
Vanpool seats: Orlando Fashion Square/Hwy. 50/Sam’s Club to O&C/HQ/CIF/LC-39 & Logistics Areas, Al, 867-4457/894-3068.  
Vanpool seats: Orlando/West 50 & Hiawasee/Metro West/Goldenrod & E/W /Alafaya & 50 to KSC Industrial Area, 7:15-4:00, Ed, 867-3587/299-7543.  
Vanpool seats: Orlando/West 50 & Hiawasee/Alafaya & 50 to CCAS Industrial Area/CX36, Higgs, 853-8353/407-880-7410.  
Vanpool seats: E. Colonial at Alafaya to KSC Industrial Area, 7:30-4:00, Will, 867-3192/407-388-1614.  
Vanpool seats: E. Colonial at Alafaya to KSC Industrial Area, 7:30-4:00, Cricket, 867-3705/407-381-0748.  
Vanpool seats: E. Colonial at Alafaya/419 Park & Ride to LC-39 Areas & ARF, 7:00-3:30, Brinko, 861-4986/407-971-0122.  
Vanpool seats: E. Colonial to HQ/O&C/SSPF Areas, 8:00-4:30, Au-Mai, 867-2697/381-0183.  
Vanpool seats: E. Colonial at Alafaya to KSC Industrial Area, 8:00-4:30, Erik, 867-4684/657-6032.  
Vanpool seats: E. Colonial at Alafaya/419 Park & Ride to KSC Industrial Area, 7:00-3:30, David, 867-7138.  
Vanpool seats: E. Colonial at Dean Road/419 Park & Ride to KSC Industrial Area, 7:00-4:00, Browning, 867-7468/277-8997.  
Vanpool seats: W. Colonial/Kirkman Road/Dean Road/Bithlow Park & Ride to LC-39 Areas, 7:00-3:30, Hall, 861-5355/422-3681.  
Vanpool seats: Scottsmoor/Mims/Titusville to O&C/CCAS Industrial Areas, 7:00-3:30, Leon, 853-5231/383-1116.  
Vanpool seats: Oviedo/Albertsons at Mitchell Hammock/E. Colonial at Alafaya to KSC Industrial Area, 8:00-4:30, Karen, 867-0045/407-568-6015.  
Vanpool forming: Oviedo/Winn Dixie (Lockwood Blvd. & 419)/Lake Mills Rd./Ft. Christmas/S.R. 50 to KSC Industrial Area, 8:00-4:30, Randall, 867-5656.  
Carpool: E. Colonial/Alafaya/S.R. 50 Park & Ride to VAB/OSB Areas & O&C Area, 7:30-4:00, Kim, 867-3911/380-8787.  
Carpool: N. Melbourne to KSC Industrial Area, 6:30-3:00, Lois, 867-3072/254-4866.  
Carpool: S. Rockledge to KSC Industrial Area, non-smoking, 7:00-3:30, Robert, 867-4448/633-3091.  
Carpool: Sanford/Geneva/Oviedo to OSB/VAB Area, 7:00-3:45, Chris, 861-2192/321-8461.  
Carpool: Sanford/Geneva/Mims I-95 to NSLD, 6:30-4:00, Len, 799-7095/325-6894.  
Ride needed/form carpool: Coventry of Cocoa (Highway 524) to O&C Building, 8:00-4:30, Setzer, 867-8681/639-9062.  
Ride needed/form carpool: Daytona Beach to SSPF, non-smoker, 8:00-4:30, Ray, 867-0789.  
Ride needed/form carpool: DeLand/Daytona Beach/New Smyrna Beach to OPF area, flexible hours, Larry, 861-5429/904-738-1821, evenings.  
Ride needed/form carpool: N. Melbourne/Eau Gallie to LCC area, flexible hours, David, 861-6994/259-8944.  
Ride needed/form carpool: N. Melbourne to LCC area, second shift, Ralph, 861-1338/259-8944.  
Ride needed/form carpool: Orlando to KSC Industrial Area, non-smoker, 9:00-5:30, Lewis, 867-2548/407282-2908.  
Ride needed/form carpool: Rockledge to CCAS/ROCC, 7:00-3:00, Wallace, 853-5211/633-9434.  
Ride needed/form carpool: Titusville, U.S. 1 to Patrick AFB, AFTAC Area, Shawn, 867-3073/259-6679.  
Ride needed/form carpool: S. Titusville to CCAS Industrial Area, non-smoker, 7:00-3:30, Williams, 853-2592/268-2974.  
Ride needed: Titusville at Garden Street & N. Carpenter Road to KSC Industrial Area, 7:30-4:00, Frank, 867-2874/264-0603.  
Ride needed: S. Titusville at Barna & Hwy. 50 to KSC Industrial Area, non-smoker, 7:00-3:30, Nancy, 867-2260/269-2695.

**GARAGE SALE**

Garage sale: October 21, 7-2, Canaveral Groves, 4550 Tangelo Avenue, household items, to much to list, 636-4495.  
Garage sale: October 21, 8-1, Merritt Island, 1288 Potomac Drive, furniture, antiques, domestics, kitchen, Christmas, and more, Gibson, 453-8996.  
Garage sale: October 20-21, Titusville, 5345 Sharlene Drive, Imperial Estates subdivision, moving, lots of items, Spillers, 269-2430.  
Moving sale: dressers, bed, hutch, buffet, dining room sets, chairs, sleeper sofa, computer stand, Black & Decker Workmate, Sears tool stand, 633-3181.

**REAL ESTATE FOR SALE**

House: Titusville, 4525 Rosehill Avenue, 3-B/R, 1 1/2-bath, sprinkler system on well, fenced backyard, clean, \$58,900, Myers, 267-9544, for appointment.  
Lot: Merritt Island, Newfound Harbor, near Horti Point, secluded, 0.35 acre, excellent location, \$29,900, Rob, 452-4468.  
Timeshare: North Carolina, Fairfield Mountains, Lake Lure, 2-B/R, 2-bath, fully furnished, washer/dryer, 2 TV’s, sleeps 6, week May 19, \$2500, 452-8460.

**AUTOMOBLES & RV’S FOR SALE**

1974 Chevy Nova, 350 engine, runs well, body very rough, \$100/B.O., Jim, 783-0857.  
1975 Chevrolet Camaro, 350 cu. in., A/C, 350 turbo transmission, \$1000/B.O., Bailey, 269-4174.  
1978 Shasta motorhome, 22’, new A/C, water heater, tires, more, \$6500/B.O., Dave, 264-4522, after 4 p.m.  
1982 Ford F250 pickup, 4wd, 3/4 ton, 351M motor, 4-speed, \$3500, Daniel, 268-5039.  
1983 Jayco popup camper, A/C, refrigerator, microwave, good condition, non-smoker, \$1750, Richard, Loucks, 453-0359.  
1983 Volvo 240, 4-speed, runs good, \$600; 1982 Volvo 240, B.O., Paul, 269-8320.  
1985 Ford Ranger, 4wd, V6, 5-speed, AM/FM, good condition, runs great, \$1600, Dan, 631-0091.  
1986 Jeep Cherokee, 4-door, V6, A/T, P/S, P/B, tilt, CD, new brakes/radiator/battery/muffler/tune-up, good condition, \$2995, Joe, 259-9755.

**AUTOMOBILES & RV'S FOR SALE** (Continued)

1987 Toyota Camry LE, A/C, A/T, C/C, tilt, new paint/tires, rebuilt motor, many new parts, \$3200/B.O., Nealey, 632-7970.  
1988 Pontiac Grand Am, 2-door, A/C, A/T, white, 72,000 miles, excellent condition, \$1995, Kramer, 452-2839.  
1989 Iroc Camaro, 5.7 liter, V8, T-tops, cold A/C, power seats, excellent condition, \$3500, Carter, 904-788-0612.  
1991 Nissan 240 SX, 5-speed, P/W, sunroof, new tires, alloy rims, \$1500/B.O., Mickey, 242-0502, after 6 p.m.  
1991 Ford Aerostar XL, extended, 4.0 liter engine, A/C, A/T, tinted windows, good condition, no rust, \$3500/B.O., Hiers, 267-9173.  
1992 Toyota Camry LE, 4-door, A/C, A/T, P/W, P/L, sunroof, newer tires, well maintained, 120,000 miles, 1 owner, \$7700, Stonewall, 268-8757.  
1992 Buick Roadmaster, 101,000 miles, \$5000/B.O., Bell, 723-7649, after 4:30 p.m.  
1992 Mazda MX-3, 5-speed, A/C, AM/FM/cassette, white, 97,000 miles, \$1950, Nguyen, 634-5019.  
1993 Oldsmobile 88 Royale LS sedan, V6 A/T, power, 69,000 miles, 1 owner, garage kept, \$6995, Dotson, 633-3288.  
1994 Saab 900 SE, loaded, V6, leather, CD, sunroof, 87,000 miles, excellent condition, \$8995, Roosa, 459-2705.  
1994 Nissan Pathfinder XE, sport package, V6, A/C, A/T, excellent condition, \$8700, Bob, 267-0966.  
1995 Chevrolet Z71, 4wd, extended, A/T, P/W, P/L, P/M, P/S, tint, red, brush guard, diamond plate bedrails & tailgate protector, \$15,000, 407-330-3689.  
1996 Mercury Grand Marquis, silver w/gray interior, 63,000 miles, non-smoker, excellent condition, \$10,750, Richard, Loucks, 453-0359.  
1997 Jeep Grand Cherokee Laredo, loaded, leather interior, CD, Mitch, 456-5932.  
1997 Dodge Ram 1500 pickup, longbed, V8, A/T, O/D, anti-spin diff., tow pkg., heavy duty cooling, Ziebart rustproofing, \$10,200, 267-8537, after 6 p.m.  
1997 Chevrolet C1500 pickup, 8' bed w/liner, extras, standard cab, 60,000 miles, \$13,000, Morrison, 636-7773.  
1997 Coleman Cheyenne popup camper, A/C, sleeps 8, 3-way refrigerator, stove, sink, awning, storage compartment, like new, \$4900, Ron, 269-1976.  
1998 Nissan Sentra SE, 4-door, 2.0 liter, 5-speed, 140 h.p., P/W, P/L, CD, black, white face gauges, 28,700 miles, \$9500, 268-3126.  
2000 Hyundai Elantra GLS, A/C, P/S, P/W, P/L, CD, 5000 miles, \$11,500, Laster, 632-5074.

**HOUSEHOLD FURNISHINGS FOR SALE**

Antique oak desk, refinished, \$180, Kraut, 783-0808.  
Queen bed, headboard, mattress & springs like new, dresser, chest, 2 bedside tables, rolltop desk, 1 pedestal, \$350, 783-5713.  
Child's Volkswagen bed, \$75; crib mattress, top of the line, \$75, Beitel, 268-2722.  
Lexington Queen Anne dining table w/cover, 6 chairs, china cabinet, buffet, \$1800, Susan, 264-9927.  
Pier One whitewashed wood dinette set w/white tile inlay, 4 matching chairs, \$200, Gursky, 453-8128.  
Twin 4-poster bed, hutch w/4-drawer dresser, desk, lingerie chest-of-drawers, box springs, mattress, Walsh, 631-5640.  
Wicker lamp, 29" high, \$20; nautical ships pulley lamp, 27" high, \$20, Meneau, 456-9940.  
Solid oak table w/6 chairs, \$125, Hawkins, 631-7244.  
Round oak table w/chairs, \$500; whitewashed bamboo entertainment center, \$50, Gilbert, 636-2744.  
Land & Sky Impressions king waterbed mattress, \$250, White, 635-9158.  
White wicker patio sofa, 2 chairs, coffee table, \$100; 2 rattan swivel rockers w/cushions, \$75, Evans, 264-0165.  
Traditional sofa, loveseat, chair, newly upholstered, excellent condition, \$300, Rob, 452-4468.  
Bankers desk, Cherry wood veneer, excellent condition, \$150, Morrison, 636-7773.  
Loveseat, makes into bed, floral pattern, recently reupholstered, \$200, 267-9473.  
Ethan Allen antique pine tables, 3 total, dropleaf coffee table, dropleaf end table w/drawer, square end table w/2 drawers, \$200/set, Kilgore, 455-1576.  
Canopy daybed w/trundle, white metal frame, good condition, \$175; matching vanity, \$25; twin mattress, like new, \$50, Petersen, 267-8382, after 5 p.m.  
Sofa & loveseat, beige, Porter, 269-2482.  
Computer stand, \$35; armoire, white, \$125; hanging stained glass lamp, blue tones, \$125; bean bag chair, gray/black, \$35; lamps, \$25/each, 784-0088.  
Dresser, chest, 2 nightstands, queen headboard, \$150; sleeper sofa, loveseat, \$200; coffee table & end table, \$75, 636-7490.

**APPLIANCES FOR SALE**

Whirlpool refrigerator, 1995, side-by-side, 21.7 cu. ft., ice/water through door, white, \$395; Frigidaire electric range, slide-in, self-cleaning, \$75, 453-5004.  
Maytag heavy duty gas dryer, \$100, Martin, 636-6910.  
G. E. heavy duty dryer, \$50; washer, 3 months old, small, good for apartment, \$125, Nguyen, 634-5019.  
Maytag washer & dryer, 10 years old, good working condition, \$125, 452-7154.  
Kenmore washer & dryer, both work well, \$150/set, Powell, 449-7271.  
Electric range, \$75/B.O., Whitehead, 783-0857.

**MOTORCYCLES & EQUIPMENT FOR SALE**

1985 Honda ATC 2005 3-wheeler, \$650; 1995 Kawasaki 300cc 4-wheeler, \$2800, both in very good condition, Bland, 452-0651.  
1993 Harley Davidson Sportster, 1200, lots of extras, \$6500, Martell, 269-6220.  
1994 Harley Davidson 1200, chrome, powder coat, lots of extras, \$7500, Scott, 631-3016.  
1998 Yamaha RT180, excellent condition, \$1750, Neubauer, 639-7210.  
1998 Yamaha RT100 dirt bike, \$1500; 2000 Yamaha Beartracker 4-wheeler, \$3500, both in excellent condition, Hubler, 268-2943.  
Polaris ATV helmet, \$50, Welch, 267-4848.

**BOATS & EQUIPMENT FOR SALE**

12' Sears Jon boat, 15 h.p. Johnson, Bimini top, trailer, runs great, \$1200, Giese, 904-427-9582.  
16' Glastron, 1999, GS160, 115 h.p. Johnson, SST prop, \$9000/B.O., Franklin, 407-366-6882.  
16 1/2' Ebbtide, 1998 Mercury 90 h.p., trolling motor, trailer, freshwater use only, very clean, Fischer, 449-0265.  
24' T-Craft, cuddy cabin, 200 Johnson, 15 h.p. Gamefisher, freshwater washdown, head, ready to dive & fish, \$6500, Richard, 453-0359.  
1990 Mercury 40 h.p. 4-cylinder outboard, tilt & trim, 20" shaft, \$1400, Kraut, 783-0808.  
1996 Seadoo GXS, 110 h.p., low hours, excellent condition, \$3500, 403-3016.  
1996 Polaris 700 jet ski, 2-seater, low hours, all accessories, trailer, excellent condition, stored inside, \$4000/B.O., Fuentes, 383-1461.  
1997 Cajun bass, 150 Mercury EFI w/Hotfoot throttle, Daul flasher, 300 TX Fishfinder, speed/temp sensors, 12/24 trolling motor, \$13,500/firm, 268-1432.  
Mercruiser 454, 340 h.p., right engine, 500 hours, complete, \$1500; Crusader 454 (350 NP) right engine w/2.9:1 Borg Warner trans., \$1000, 904-756-8742.  
2 bronze inboard propellers, 14 1/2x17, \$150/both, True, 456-5932.  
Wakeboard, water skis, kneeboard, barefoot boom, tube, ski vests, ropes, handles, miscellaneous boat items, B.O., Prestwood, 904-756-8742, after 6 p.m.

**MUSICAL INSTRUMENTS & ELECTRONIC EQUIPMENT FOR SALE**

Akai reel-to-reel tape recorder/player, good condition; Kenwood amplifier, 1 bad channel; 25 reels of music (early country, rock & roll), \$150/all, 269-7918.  
Peavey PA system, 12 channel mixer, more, complete, \$4500/B.O., Rosado, 737-8319.  
Hewlett Packard computer, 433 MHz, 6.4 GB, 64 ram, 8 meg ATI video, monitor, \$550, Paul, 269-8320.  
Studio Pro series 12" 3-way sound system speakers, Ebony ash, 175 watts, \$80, Mario, 407-359-1233.  
Beta camcorder & VCR, both working, \$100/B.O., Sisko, 383-1648.  
Rockford Fosgate truck speakers, \$50/pair; printer, \$30, White, 635-9158.  
Suzuki student Violin, \$200, Nelson, 268-4364.  
Pioneer speakers, GS-G203, \$80/pair, 259-1876.  
Royce 5-piece drum set w/stool, 2 symbol stands, good condition, \$200, Petersen, 267-8382, after 5 p.m.  
17" color TV; Super Nintendo games; N64 games, Porter, 269-2482.

**MISCELLANEOUS FOR SALE**

Approximately 55 stanchions, 3' tall, cement base, PVC post, Crampton, 264-1300, after 5 p.m., leave message.  
Kitchen cabinets, upper & lower, solid wood, single sink, needs refinishing, \$100/B.O., Larry, 242-0502, after 6 p.m.  
Bandsaw, 9" bench top, \$60; volleyball net, 32'x3', new, \$30, Kraut, 783-0808.  
Horse trailer, dual axle, excellent condition, \$1300, Neubauer, 639-7210.  
A.R.E. pickup bed cover, fits 1994-up S-10 & S-15 pickups, new condition, \$275, McKune, 799-1218.  
Aluminum topper, fits 1992 Nissan king cab, \$50; toddler's battery powered truck, \$25, Beitel, 268-2722.  
Fisher Price toddler garden, \$10; crab sandbox w/lid, \$10; 2' slide, \$10; coup car, \$15; Snuggli backpack, \$10, Susan, 264-9927.  
Boot cover for 1987-1995 Chrysler Lebaron convertible, \$38, True, 456-5932.  
MTD riding mower, 42" cut, 18 h.p., \$400; Snapper rear engine riding mower, 28" cut, new 8 h.p. motor, \$450, Daniel, 268-5039.  
Fiberglass pickup truck topper, fits Ford Ranger extended cab, good condition, \$225/B.O., Wayne, 264-0242.  
Hot tub, 110/220 volt, new cover, excellent condition, \$500, Hubler, 268-2943.  
Michelin XGT4 tire, P225/60R16, 3000 miles use, excellent tread, \$25; military field jacket, adult small, never used, \$35, Roger, 269-7044, after 4:30 p.m.  
Adams, SC model, titanium driver, 10.5 degrees, Fade Control model, \$175, Swanger, 383-1948, after 5 p.m.  
Simmons 40' trailer mounted lift, \$15,000/B.O., Welch, 267-4848.  
Weslo Cardioglide, barely used, excellent condition, \$125; Ab roller w/back support, \$35, Ziegler, 267-3349.  
Engagement ring, 1/2 carat pear shape w/marquis shaped diamond & emerald ring enhancer, \$1200, McCormack, 267-5553.  
Noritake Magnificence china, 12-place settings, \$900/B.O.; Ford Ranger Splash fiberglass topper, \$500/B.O.; electric smoker, \$15, White, 635-9158.  
Miscellaneous small engine parts: pistons, rings, points, rods, flywheels, complete engines, all or part, will negotiate, Richard, 453-0359.  
Discovery outdoor swing set, 2 years old, \$150, Nelson, 268-4364.  
Snow skis, K2 Expreme (200 cm), Tyrolia-SFF bindings, Scott exclusive poles (125 cm), \$175, Hessler, 636-6465, after 6 p.m.  
Alloy rims, 15x8, fits full sized Chevrolet, turbine style, 6 total, \$75, Bonner, 264-3266.  
Climbing tree stand, padded seat, back rest, \$50, Madore, 632-6969.  
Electric weed eater, 2 total, both work great, \$8/each; wooden interior doors, good condition, \$10/each, Powell, 449-7271.  
Artificial Christmas tree, 4', w/lights, \$18; umbrella stand, blue Oriental design, 18" high, \$16, 267-9473.  
Jeep steel wheels, 15"x7", 4 total, Jeep logo inserts, \$100/set, Kilgore, 455-1576.  
Fiberglass truck topper, fits Ford Ranger longbed, \$400, Harmon, 633-7677.  
GM 350 engine, needs distributor & starter, runs good, \$300/B.O.; Oxylacetylene set w/lots of extras, \$300/B.O., Dutton, 639-2077.  
Airline pet carrier, extra large, used one time, \$50, Roberts, 800-652-6279.  
Graco walker, \$20; Graco swing, \$40; Evenflo playpen w/top, \$40; Evenflo Supersaucer, \$35; Playskool gym, \$15; playhouse, \$15, Weaver, 676-7881  
Ty Beanie Babies, retired, Porter, 269-2482.  
World Book Childcraft encyclopedia set, 1987 edition, excellent condition, \$25, Petersen, 267-8382, after 5 p.m.  
Tree fort, 10'x12', slide, rope swing, \$650, 385-0084, after 6 p.m.  
Kerosene heater, \$50; sea trout, skin mount, \$50, McCoy, 784-0088.  
Ladies scrubs & lab coats, clothing for medical office or hospital, size medium, new & like new, McCoy, 784-0088.  
Regulation pool table, 1" slate top, \$300, Collins, 456-5589.

**MISCELLANEOUS WANTED**

Technics SL direct drive turntable, Kraut, 783-0808.  
Motorcycle dirt bike riding gear, Welch, 267-4848.  
Satellite receiver, C band, used, working, reasonably priced; used DVD movies, all types, reasonably priced, Sisko, 383-1648.  
Carpet installation tools: knee kicker, power stretcher, Olen, 631-9667.  
Skateboard ramps, 1/4 pipe, grind rail, more, Madore, 632-6969.  
Boy's bunkbed set for pre-teen, reasonably priced, Pat, 639-2077.  
Tickets to FSU-UF football game, 2 total, Lew, 259-9790.



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